

What is claimed is:

- 1                   1.     An operational system comprising:  
2                   at least one seed-bearing device having at least one seed;  
3                   at least one key-determinative device determining at least one  
4 key in response to said at least one seed;  
5                   at least one code-determinative device determining at least one  
6 code in response to said at least one key; and  
7                   at least one controller performing at least one task in response to  
8 said at least one code.
- 1                   2.     A system as in claim 1 wherein said at least one seed-  
2 bearing device stores said at least one seed at least one predetermined address  
3 and said at least one key determinative device has stored identification of said at  
4 least one address.
- 1                   3.     A system as in claim 2 wherein identification of said at  
2 least one address is inaccessible to said at least one seed-bearing device.
- 1                   4.     A system as in claim 1 wherein said at least one key-  
2 determinative device comprises at least one key algorithm for determining said  
3 at least one key.
- 1                   5.     A system as in claim 1 wherein said at least one seed-  
2 bearing device is unable to determine said at least one key.
- 1                   6.     A system as in claim 1 wherein said at least one seed-  
2 bearing device comprises at least one of said at least one key-determinative  
3 device.

1                   7.     A system as in claim 1 wherein said at least one key-  
2     determinative device comprises at least one of said at least one seed-bearing  
3     device.

1                   8.     A system as in claim 1 wherein said at least one seed-  
2     bearing device comprises at least one decryption engine that decrypts said at  
3     least one code.

1                   9.     A system as in claim 1 wherein said at least one seed-  
2     bearing device verifies said at least one code.

1                   10.    A system as in claim 1 wherein said at least one key-  
2     determinative device verifies said at least one code.

1                   11.    A system as in claim 1 wherein said at least one seed  
2     bearing device comprises:  
3                   a first seed-bearing device having a first seed; and  
4                   a second seed-bearing device having a second seed.

1                   12.    A system as in claim 11 wherein said at least one key-  
2     determinative device comprises:  
3                   a first key-determinative device determining a first key in  
4     response to said first seed; and  
5                   a second key determinative device determining a second key in  
6     response to said second seed.

1                   13.    A system as in claim 1 wherein the operational system  
2     comprises:  
3                   a seed-bearing device having a first seed;

4                   a multi-purpose device having a second seed and determining a  
5   first key in response to said first seed; and  
6                   a key-determinative device determining a second key in response  
7   to said second seed.

1                   14.   A system as in claim 1 wherein said at least one code-  
2   determinative device is at least one of a seed-bearing device, a key-  
3   determinative device, a decryption engine, and a controller.

1                   15.   A system as in claim 1 wherein said at least one seed-  
2   bearing device and said at least one key-determinative device comprise said at  
3   least one controller.

1                   16.   A system as in claim 1 wherein said at least one seed-  
2   bearing device is at least one of a smart device, supporting equipment, and  
3   fielded equipment.

1                   17.   A system as in claim 1 wherein said at least one key-  
2   determinative device is at least one of a smart device, supporting equipment,  
3   and fielded equipment.

1                   18.   A method of preventing access to code within an  
2   operational system comprising:  
3                   determining at least one key in a first device in response to at  
4   least one seed contained within a second device;  
5                   determining at least one code in said second device in response  
6   to said at least one key; and  
7                   enabling the operational system to perform at least one task in  
8   response to said at least one code.

1                   19.    A method as in claim 18 wherein determining at least one  
2   key comprises executing an algorithm to calculate said at least one key in  
3   response to said at least one seed.

1                   20.    A method as in claim 18 wherein determining at least one  
2   code comprises decrypting an encrypted code.

1                   21.    A method as in claim 18 further comprising verifying  
2   said at least one code.

1                   22.    An operational system comprising:  
2                    at least one smart device having at least one seed and encrypted  
3   code;  
4                    supporting equipment determining at least one key in response to  
5   said at least one seed;  
6                    said at least one smart device decrypting said encrypted code in  
7   response to said at least one key to generate a decrypted code; and  
8                    a controller performing at least one task in response to said  
9   decrypted code.